

Amendments to the Claims

1-30. (Canceled)

31. (New) A method of treating a psychiatric disorder or a psychiatric function in a patient in need thereof, comprising

delivering a first electrical stimulus to an intralaminar nuclei of a brain of a mammal having a psychiatric disorder; and

delivering a second electrical stimulus to another area of the brain, wherein the another area of the brain is not the intralaminar nuclei.

32. (New) The method of claim 31, wherein the another area of the brain is selected from the group consisting of the pre-frontal cortex, orbitofrontal cortex, anterior limb of the internal capsule, nucleus accumbens, ventral striatum, ventral pallidum, anterior nucleus of the thalamus, dorsomedial nucleus of the thalamus, intralaminar thalamic nuclei, cingulate cortex, amygdala, hippocampus, mammillary bodies, lateral hypothalamus, locus coeruleus, dorsal raphe nucleus, ventral tegmentum, substantia nigra pars compacta, and substantia nigra pars reticulata.

33. (New) The method of claim 31, wherein the psychiatric disorder is selected from the group consisting of: obsessive compulsive disorder, depression, anxiety disorder, autism, dyslexia, generalized anxiety disorder, post traumatic stress disorder, panic attack, social phobia, major depression, bipolar disorder, schizophrenia, attention deficit disorder, and substance abuse disorder or substance abuse addiction.

34. (New) The method of claim 31, wherein the psychiatric function is selected from the group consisting of: alertness, conscious state, drive, fear, anger, anxiety, euphoria, sadness, and flight/fight response.

35. (New) The method of claim 31, further comprising sensing activity in an area of the brain associated with the psychiatric disorder.

36. (New) The method of claim 35, wherein the area of the brain associated with the psychiatric disorder is not the intralaminar nuclei.